



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

**MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION**

11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786)315-2590 F (786) 31525-99  
[www.miamidade.gov/pera](http://www.miamidade.gov/pera)

Ashland, Inc.  
5200 Blazer Parkway  
Dublin, OH. 43017

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

### DESCRIPTION: : Pliobond™ Membrane Bonding Adhesives / Pliodeck™ Membrane Adhesives

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA No. 06-0912.10 and consists of pages 1 through 5.  
The submitted documentation was reviewed by Jorge L. Acebo.



NOA No.: 12-0402.04  
Expiration Date: 04/05/17  
Approval Date: 05/10/12  
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## ROOFING COMPONENT APPROVAL

**Category:** Roofing  
**Sub-Category:** Cement-Adhesive-Coatings  
**Material:** Polyurethane

### SCOPE:

This approves **Pliobond™ Membrane Bonding Adhesives / Pliodeck™ Membrane Adhesives**, as manufactured by Ashland, Inc. as described in this Notice of Acceptance. These products have been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone of the Florida Building Code.

### EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Date</u>
Momentum Technologies, Inc.	TX26F6A	Physical Properties	07/24/06

### MANUFACTURING LOCATION:

1. Ashland, OH.

### PRODUCT DESCRIPTION:

#### Pliobond™ 1744:

Description	Test Standard	Property
Percent Solids	ASTM D 1644	28%
Weight Per Gallon (lbs/gal)	ASTM D 1475	7.5507
Viscosity @ 75°F cPs	ASTM D 2176	1820
Tensile Strength (psi)	ASTM D 412	110.7
Elongation	ASTM D 412	875.59%
Shear Strength (lbf)	ASTM D 6383	14.24
Peel Adhesion	ASTM D 903	
-to plywood		1.554
-to EPDM		0.795
-to PVC		N/A
-to TPO		N/A
-to Poured Cement		4.016
-to Galvanized Steel		1.014
Water Absorbtion	ASTM D 570	0.15%



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**Pliobond™ 2375:**

<b>Description</b>	<b>Test Standard</b>	<b>Property</b>
Percent Solids	ASTM D 1644	25.29%
Weight Per Gallon (lbs/gal)	ASTM D 1475	7.2646
Viscosity @ 75°F cPs	ASTM D 2176	2340
Tensile Strength (psi)	ASTM D 412	297.7
Elongation	ASTM D 412	1793.33%
Shear Strength (lbf)	ASTM D 6383	24.9
Peel Adhesion	ASTM D 903	
-to plywood		5.492
-to EPDM		3.441
-to PVC		N/A
-to TPO		N/A
-to Poured Cement		1.357
-to Galvanized Steel		1.737
Water Absorbtion	ASTM D 570	1.23%

**Pliobond™ 1746:**

<b>Description</b>	<b>Test Standard</b>	<b>Property</b>
Percent Solids	ASTM D 1644	31.89%
Weight Per Gallon (lbs/gal)	ASTM D 1475	7.7499
Viscosity @ 75°F cPs	ASTM D 2176	2453
Tensile Strength (psi)	ASTM D 412	105.8
Elongation	ASTM D 412	657.17%
Shear Strength (lbf)	ASTM D 6383	15.89
Peel Adhesion	ASTM D 903	
-to plywood		4.002
-to EPDM		0.630
-to PVC		N/A
-to TPO		N/A
-to Poured Cement		5.21
-to Galvanized Steel		1.554
Water Absorbtion	ASTM D 570	0.48%

**Pliodeck™ PVC Membrane Adhesive:**

Description	Test Standard	Property
Percent Solids	ASTM D 1644	96.58%
Weight Per Gallon (lbs/gal)	ASTM D 1475	9.6074
Viscosity @ 75°F cPs	ASTM D 2176	6687
Tensile Strength (psi)	ASTM D 412	1092.1
Elongation	ASTM D 412	22.17%
Shear Strength (lbf)	ASTM D 6383	178.36
Peel Adhesion	ASTM D 903	
-to plywood		8.434
-to EPDM		N/A
-to PVC		3.547
-to TPO		N/A
-to Poured Cement		2.245
-to Galvanized Steel		0.200
Water Absorbtion	ASTM D 570	0.30%

**Pliodeck™ TPO Membrane Adhesive:**

Description	Test Standard	Property
Percent Solids	ASTM D 1644	97.31%
Weight Per Gallon (lbs/gal)	ASTM D 1475	9.2955
Viscosity @ 75°F cPs	ASTM D 2176	14667
Tensile Strength (psi)	ASTM D 412	1181.8
Elongation	ASTM D 412	62.79%
Shear Strength (lbf)	ASTM D 6383	74.47
Peel Adhesion	ASTM D 903	
-to plywood		8.220
-to EPDM		N/A
-to PVC		N/A
-to TPO		2.098
-to Poured Cement		2.008
-to Galvanized Steel		0.600
Water Absorbtion	ASTM D 570	1.06%

**BUILDING PERMIT REQUIREMENTS:**

1. This Notice of Acceptance
2. Any other documents required by the Building Official or applicable Building Code in order to properly evaluate the installation of this system.



## **LIMITATIONS:**

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire rating of this product.
2. Ashland Adhesives shall not be applied in inclement weather conditions.
3. The products listed herein are components of roof assemblies and are approved for use with roof assemblies that list the products listed herein as part of their roof assemblies Notice of Acceptance. See roof system Notice of Acceptance (NOA) for application rates and uses.
4. All products listed herein shall have an unannounced follow-up quality control program from an approved listing agency. Follow up test results shall be made available to Miami-Dade County Product Control upon request.
5. Change in materials, use, or manufacture of any products listed herein shall be cause for termination of this Notice of Acceptance.
6. Ashland Adhesives shall be applied in accordance with manufacturer's published application instructions unless specified otherwise within the NOA approvals.
7. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9N-3 of the Florida Administrative Code.
8. All approved products listed herein shall be labeled in compliance with TAS 121 and shall bear the imprint or identifiable marking of the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



**END OF THIS ACCEPTANCE**

